

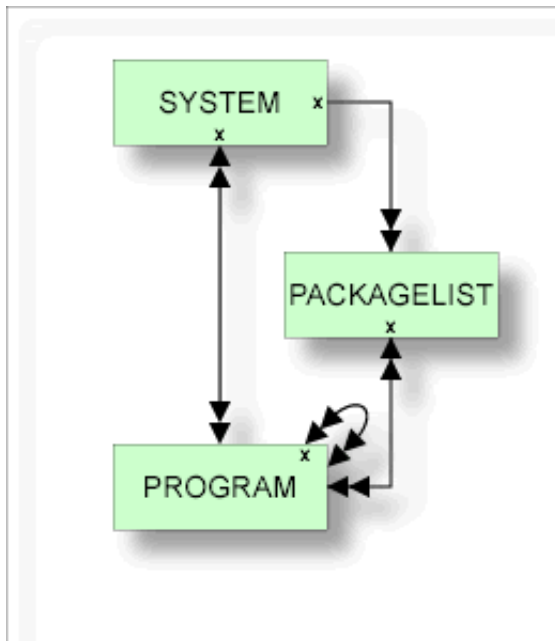
Packagelist

The Predict object type packagelist is used to document DB2 packages.

In the predefined Predict metastructure, a packagelist can have passive and active associations of the following types:

Valid passive association: *Contained in SY*

Valid active association: *Uses PR*



Note:

Packagelists of type T and packagelists of type S are related using the parameters Collection name and Location name.

This section covers the following topics:

- Packagelist Maintenance Menu
- Packagelist Specific Maintenance
- Packagelist Retrieval

Packagelist Maintenance Menu

The following screen is displayed with function code M and object code PG in a Predict main menu or the command MAINTAIN PACKAGELIST.

```

13:47:47          ***** P R E D I C T 4.2.2 *****          2002-07-31
Plan    0          - (PG) Packagelist Maintenance -          Profile HNO

Function                                Function

A  Add a Packagelist                    D  Display Packagelist
C  Copy Packagelist                     L  Link children
M  Modify Packagelist                   O  Edit owners of a Packagelist
N  Rename Packagelist                   S  Select Packagelist from a list
P  Purge Packagelist                    W  Edit description of a Packagelist

Function .....

Packagelist ID ...                      Packagelist type ....*
Copy ID .....
Contained in SY ..

Restrictions .....*   Profile HNO,used   Association .....*

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Menu  Canc  S-fi  E-el  M-pr  Print Impl  Last  FLIP  PROF  Next

```

Parameters	
Function	<p>Executes one of the maintenance functions. Standard maintenance functions are described in the section Maintenance in the Predict Reference documentation.</p> <p>The function Purge is described in the section Purge Packagelist - Code P.</p>
Packagelist ID	Identifier of the Predict packagelist object. See Naming Conventions.
Packagelist type	<p>Type of packagelist. Valid values:</p> <p>T Total collection. Packagelists of type T provide an overview of all packages used in a collection. The parameters Collection name and Location name are mandatory for packagelists of type T.</p> <p>Q Database request module (DBRM). Packagelists of type Q contain one DBRM which is directly bound to the plan.</p> <p>S Subcollection. Packagelists of type T and packagelists of type S are connected using the parameters Collection name and Location name. Each package in a packagelist of type S is also contained in a packagelist of type T.</p>
Copy ID	<p>For Copy function: ID of the packagelist to be created.</p>
Contained in SY	In DB2, packagelists are used by application plans. Applications plans are documented in Predict with objects of type system, subtype P. Hence the attribute <i>Contained in SY</i> is used to document by which plan a packagelist is used.
Association	<p>For function Link children: Objects are to be linked to the packagelist via the selected association. Valid values: <i>Uses PR</i> and user-defined.</p>

Add a Packagelist Screen

The screen is displayed for the Add a Packagelist function. The Copy and Modify screens are similar.

```

09:45:26          ***** P R E D I C T 4.2.2 *****          2002-07-31
                                - Add a Packagelist -

Packagelist ID .. HNO-PG
Type .....*
Contained in SY *
Keys ..                                           Zoom: N

Packagelist attributes
  Collection name ...
  Location name .....

Abstract      Zoom: N

EDIT:   Owner: N   Desc: N                       Uses PR: N

```

Predict ensures the consistency of related packagelists (types T and S):

- If a package is purged from a packagelist of type T, it is purged automatically from corresponding packagelists of type S.
- If a package is added to a packagelist of type S, it is added automatically to the corresponding packagelist of type T.

Parameters	
Parameters not listed here are described with the Packagelist Maintenance menu in the section Packagelist Maintenance Menu.	
Packagelist attributes	
Collection name	<p>From version 2.3 of DB2 and above, packages are always referenced via collections.</p> <p>A collection is a virtual summary of packages, used to simplify references to packages. In Predict, collections are documented as attributes of packagelists. Packagelists are grouped by including several packages to the same collection.</p> <p>A collection is documented in Predict with the attributes collection name and location name. A collection name can be up to 18 characters long.</p>
Location name	Together with collection names, location names identify collections uniquely. A location name can be up to 16 characters long.
EDIT Uses PR	<p>Y</p> <p>Edit <i>Uses PR</i> list of the packagelist. Programs of the following types can be linked to packagelists via <i>Uses PR</i>:</p> <ul style="list-style-type: none"> • Program (type P) • Subprogram (type N) • Function (type F) <p>The Predict Link Editor is invoked. See the section Editors in Predict in the Predict Reference documentation.</p>

Packagelist Specific Maintenance

Purge Packagelist - Code P

The following rules apply:

- If you confirm this function with DELETE, the following objects are deleted:
 - the packagelist object
 - all links to child objects
 - all links from parent objects
- With packagelists of type T, all packagelists of type S connected to the packagelist via the attributes Collection/Location name are deleted as well. You must enter an additional confirmation before deleting these additional objects.

Packagelist Retrieval

Packagelist-specific Retrieval Parameter

Contained in SY. System to which the packagelist is linked.

Layout of Packagelist Lists

09:50:10	***** P R E D I C T 4.2.2 *****	2002-07-31
	- List Packagelist -	

Cnt	Packagelist ID	T Collection Location
1	AMA-PG1	T DSDS ERE
2	AMMM	T CVXCV XCVXC
3	ARH-PA-1	T COLL LOC
4	ARH-PA-2	T COL LOC
5	BA-PG	T JKJ KJKKK

Meaning of Columns

T	Type of packagelist: Q DBRM T Total collection S Subcollection
Collection	Collection of the packagelist. Packagelists of type T and of type S that belong together have the same collection and location name.
Location	Location of the packagelist. Packagelists of type T and of type S that belong together have the same location and collection name.

Output Options for Packagelist Retrieval

The output options valid for this object type are identical to those for object type dataspace. See Output Options for Dataspace Retrieval.